

Board of Education Special Meeting

Wednesday, March 29, 2017 7:00 PM

BOE Auditorium, 129 Church Street, Bristol, CT 06010

1. **Approval of the 2017-2018 Food Services Budget**
2. **Approval of plans and specification for the Chippens Hill Roof and Parapet Replacement Project**
3. **Approval of Alliance Building Repairs Grant**
4. **Approve the selection of DRA Inc. to conduct the Feasibility Study for the Bristol Public Schools**
5. **Authorize the Superintendent to notify non-tenured educators that their positions are subject to non-renewal due to budgetary constraints**
6. **Budget Review**
7. **Adjournment**

2017-18 Food Services Budget

	15-16	15-16	16-17
INCOME:	Budget	Actual	Budget
CASH SALES INCOME	\$ 991,474	\$ 905,577	\$ 892,000
FEDERAL REIMBURSEMENT	\$ 1,705,771	\$ 1,828,737	\$ 1,845,405
STATE REIMBURSEMENT	\$ 76,300	\$ 145,171	\$ 76,300
INTEREST INCOME	\$ -	\$ 5	\$ -
OTHER INCOME	\$ 12,225	\$ 29,463	\$ 12,225
TOTAL INCOME	\$ 2,785,770	\$ 2,908,954	\$ 2,825,930

EXPENDITURES:

FOOD	\$ 1,124,900	\$ 1,158,856	\$ 1,129,150
ADMINISTRATION			
LABOR	\$ 1,019,570	\$ 1,177,737	\$ 1,089,480
RETRO PAY			
PENSION			\$ 54,165
SUBSTITUTES	\$ 10,000	\$ 28,696	\$ 10,000
INSURANCE BENEFITS	\$ 419,980	\$ 269,774	\$ 314,295
F.I.C.A.	\$ 77,990	\$ 87,457	\$ 83,340
PUR.SERV.SUPPLIES	\$ 102,830	\$ 130,478	\$ 115,000
COMPUTER LEASE	\$ 15,500	\$ 15,797	\$ 15,500
OTHER EXPENSE	\$ 15,000	\$ 11,806	\$ 15,000
TOTAL EXPENSES	\$ 2,785,770	\$ 2,880,601	\$ 2,825,930
NET PROFIT OR LOSS	0	\$ 28,353	0

16 -17	17 -18
Forecast	Budget
\$ 818,197	\$ 818,197
\$ 1,939,483	\$ 1,999,475
\$ 123,395	\$ 123,000
\$ 4	
\$ 9,500	\$ 9,500
\$ 2,890,579	\$ 2,950,172

\$ 1,170,684	\$ 1,176,617
	\$ 109,206
\$ 1,089,573	\$ 1,022,949
\$ 12,763	\$ -
\$ 48,698	\$ 85,000
\$ 31,999	\$ 10,000
\$ 314,295	\$ 314,290
\$ 83,340	\$ 86,610
\$ 115,000	\$ 115,000
\$ 15,500	\$ 15,500
\$ 15,000	\$ 15,000
\$ 2,896,852	\$ 2,950,172

\$ (6,273)	0
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DEPARTMENT OF ADMINISTRATIVE SERVICES

Office of School Construction

Grants and Review

450 Columbus Blvd, Suite 1503

Hartford, Connecticut 06103

**General Improvements to Alliance Districts' School Buildings, 2017-2018
Program Proposal**

BRISTOL - 017	TIMOTHY CALLAHAN	860-584-7086	03/17/2017
Town/District Name	Completed by	Phone	Date

As the Superintendent of Schools, I do hereby certify and assure the following:

1. The application has been approved by the local board of education at its meeting of 03/29/2017.
2. If funded, there will not be a decrease in the local share of financial support for schools.
3. The application is coordinated with other on-going operations and improvement strategies in the school district.
4. If funded, the district agrees:
 - to expend the grant funds on activities in the approved proposal and according to the approved budget and, if necessary, to request amendments prior to any project or budget changes;
 - to use appropriate fiscal control and accounting procedures to ensure proper disbursement of all awards;
 - to manage the project in compliance with all applicable state and federal laws and with the regulations, other policies and administrative directives of the Connecticut State Board of Education;
 - to submit the minutes of the Board of Education's acceptance of the completed project within 60 days of the completion of the project; and
 - to submit an itemized final expenditure report, with all paid invoices, requisitions, or purchase orders supporting the itemized amounts.
5. The application and expenditure reports are subject to a DAS audit.

Further, I certify that in the performance of this proposal, the district will not discriminate against any person or group of persons on the grounds of race, color, religious creed, age, marital status, national origin, sexual orientation, sex, mental retardation*, or physical disability, including, but not limited to, blindness, unless it is shown by such applicant that such disability prevents performance of work involved in any manner and further agrees to provide the Commission on Human Rights and Opportunities with such information requested by the Commission concerning the employment practices and procedures of the applicant as related to the provisions of this section. (Connecticut General Statutes Sections 4a-60 and 4a-60a, *including mental disability: Article first, State Constitution)

ELLEN W. SOLEK Ed.D.

Superintendent's Name (print or type)	Superintendent's Signature	Date
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Note: DAS reserves the right to use and/or publish any part or parts of any summary, abstract, reports, publications, records and materials resulting from this project and this grant.

DEPARTMENT OF ADMINISTRATIVE SERVICES
General Improvements to Alliance Districts' School Buildings, 2017-2018
District Certification

School District: BRISTOL PUBLIC SCHOOLS #017

Address: 129 CHURCH STREET, PO BOX 450, BRISTOL, CT 06010

Superintendent of Schools: DR. ELLEN W. SOLEK Phone: 860-584-7002

Certification that a current Affirmative Action packet is on file

I the undersigned authorized official, hereby certify that the applying organization/agency has a current affirmative action packet on file with the Connecticut State Department of Education. The affirmative action packet is, by reference, part of this application.

Certification that a current Standard Statement of Assurances Grant Program is on file

I the undersigned authorized official, hereby certify that the applying organization/agency has a current Standard Statement of Assurances Grant Program on file with the Connecticut State Department of Education. The Standard Statement of Assurances Grant Program is, by reference, part of this application/RFP.

Signature of Superintendent

Date

ELLEN W. SOLEK Ed.D.

Print Name

**Bristol Public Schools
Alliance Districts' School Building Grant Program
Application Package**

13-Mar-17

Draft/Progress Print

1	2	3	4	5
<i>Categories of Work</i>	<i>Notes</i>	<i>Construction Cost</i>	<i>Architect, Engineering Fees</i>	<i>Total Construction Cost</i>
1 Chippens Hill School				
Subtotal		\$111,959	\$0	\$111,959
2 Bristol Central High School				
Subtotal		\$47,009	\$0	\$47,009
3 Bristol Eastern High School				
Subtotal		\$58,065	\$0	\$58,065
4 South Side School				
Subtotal		\$51,390	\$0	\$51,390
5 Stafford School				
Subtotal		\$50,606	\$0	\$50,606
6 Hubbell School				
Subtotal		\$82,236	\$7,772	\$90,008
7 Northeast Middle School				
Subtotal		\$27,923	\$0	\$27,923
8 Ivy Drive School				
Subtotal		\$33,997	\$0	\$33,997
9 Edgewood School				
Subtotal		\$27,923	\$0	\$27,923
10 Mountain View School				
Subtotal		\$26,219	\$0	\$26,219
11 Greene Hills				
Subtotal		\$337,932	\$0	\$337,932
12 West Bristol				
Subtotal		\$216,968	\$0	\$216,968
Subtotal		\$1,072,228	\$7,772	\$1,080,000
Total				1,080,000
Cost Estimate Notes				
Column 1 - <i>Categories of Work</i> : represents the principal categories of work.				
Column 2- <i>Notes</i> : represents further information and description .				
Column 3 - <i>Construction Cost</i> : represents the sum of the base construction or (Hard Costs).				
Column 4- <i>Architecture/Engineering</i> : represents 20% of the base cost and is applied to projects with scope that requires documentation (Soft Costs).				
Column 5- <i>Total Construction Cost</i> : represents of the base construction cost, contingency, and soft costs (where applicable).				



**Life Cycle Cost Analysis
Determination Request**

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received:

Part A: Project Data:

- 1. Project Number: _____
 - 2. Project Name: CHIPPENS HILL MIDDLE SCHOOL
 - 3. Project Location: 551 PEACEDALE STREET BRISTOL, CT 06010
 - 4. User State Agency: _____
 - 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
 - 6. Name of Preparer: TIMOTHY CALLAHAN
- Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 166,200 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes. This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k –2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No. This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. Provide a completed COMcheck™ or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification., if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:

- Will
- Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Allen V. Herring, PE, DAS Chief Engineer

Date: _____

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

	Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
1 Chippens Hill MiddleSchool					
Kitchen Repair and Replace	Bid \$	11,999.28		\$0	\$11,999
*MEP Repair and Replace	NIC	\$0	\$0	\$0	\$0
Technology Repair Replace	Bid	\$66,900	\$0	\$0	\$66,900
Security Equipment Repair and Replace	Bid	\$4,036	\$0	\$0	\$4,036
Security Cameras Repair and Replace	Bid	\$29,024	\$0	\$0	\$29,024
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
Subtotal		\$111,959	\$0	\$0	\$111,959



**Life Cycle Cost Analysis
Determination Request**

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- 1. Project Number: _____
- 2. Project Name: BRISTOL CENTRAL HIGH SCHOOL
- 3. Project Location: 480 WOLCOTT STREET BRISTOL, CT 06010
- 4. User State Agency: _____
- 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
- 6. Name of Preparer: TIMOTHY CALLAHAN
- Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 221,000 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes. This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k –2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No. This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

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On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. Provide a completed COMcheck™ or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification., if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:
 Will Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____
 Allen V. Herring, PE, DAS Chief Engineer

Date: _____

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

	Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
2 Bristol Central High School					
Kitchen Repair and Replace	Bid \$	16,224.00			\$16,224
*MEP Repair and Replace	NIC	\$0	\$0	\$0	\$0
Security Equipment Repair and Replace	Bid	\$7,340	\$0	\$0	\$7,340
Security Camera Repair and Replace	Bid	\$23,445	\$0	\$0	\$23,445
		\$0	\$0	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
Subtotal		\$47,009	\$0	\$0	\$47,009



3020 Life Cycle Cost Analysis Determination Request

Life Cycle Cost Analysis Determination Request

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- | | |
|------------------------|---|
| 1. Project Number: | _____ |
| 2. Project Name: | <u>BRISTOL EASTERN HIGH SCHOOL</u> |
| 3. Project Location: | <u>632 KING STREET BRISTOL, CT 06010</u> |
| 4. User State Agency: | _____ |
| 5. Your A/E Firm Name: | <u>BRISTOL BOARD OF EDUCATION</u> |
| 6. Name of Preparer: | <u>TIMOTHY CALLAHAN</u> |
| Phone: | Fax: <u>860-314-4602</u> Email: <u>timothycallahan@ci.bristol.ct.us</u> |

Part B: Construction Category: (Indicate square footage for each category)

New:	_____	Gross Sq. Ft.
Addition:	_____	Gross Sq. Ft.
Renovation:	<u>235,000</u>	Gross Sq. Ft.

Part C: Project Category:

- | | |
|--|--|
| <input type="checkbox"/> State Agency Building (State Owned Building). | <input type="checkbox"/> State Funded Public School Building |
| <input type="checkbox"/> State Leased Building. | <input type="checkbox"/> Other (specify): _____ |

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes.** This Project shall conform to the following High Performance Building Regulations requirements:
- New Construction of State Facilities [16a-38k –2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No.** This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. **Provide a completed COMcheck™** or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification, if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:

- Will Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Allen V. Herring, PE, DAS Chief Engineer

Date: _____

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

DEPARTMENT OF ADMINISTRATIVE SERVICES
General Improvements to Alliance Districts' School Buildings, 2017-2018
Project Description Form

General Instructions: Complete a separate Project Description Form for each facility. Do not report multiple activities at multiple schools on a single Project Description Form.

Project Name BEHS, GENERAL IMPROVEMENTS

School Name BRISTOL EASTERN HIGH SCHOOL

Project Description: Be specific. Describe the area to be affected. Include square footages and quantities where applicable. Describe any special equipment to be installed or materials to be used. Example: Install new ceiling tiles in main wing classrooms, corridor and library (15,000 sq. ft.).

KITCHEN EQUIPMENT REPAIR AND REPLACE	\$16,224.00
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SECURITY EQUIPMENT REPAIR AND REPLACE	\$ 8,758.00
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SECURITY CAMERAS REPAIR AND REPLACE	\$33083.00
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Cost Estimates:

Professional Fees and Services: _____

Materials and Labor: \$58,065.00

Special Equipment: _____

Total: \$58,065.00

		Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
3 Bristol Eastern High School						
Kitchen Repair and Replace		Bid	\$ 16,224.00			\$16,224
*MEP Repair and Replace		NIC	\$0	\$0	\$0	\$0
Security Equipment Repair and Replace		Bid	\$8,758	\$0	\$0	\$8,758
Security Camera Repair and Replace		Bid	\$33,083	\$0	\$0	\$33,083
			\$0	\$0	\$0	\$0
				NA	\$0	\$0
				NA	\$0	\$0
				NA	\$0	\$0
				NA	\$0	\$0
				NA	\$0	\$0
				NA	\$0	\$0
				NA	\$0	\$0
Subtotal			\$58,065	\$0	\$0	\$58,065



**Life Cycle Cost Analysis
Determination Request**

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- 1. Project Number: _____
 - 2. Project Name: SOUTH SIDE SCHOOL
 - 3. Project Location: 21 TUTTLE ROAD BRISTOL, CT 06010
 - 4. User State Agency: _____
 - 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
 - 6. Name of Preparer: TIMOTHY CALLAHAN
- Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 87,000 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building). State Funded Public School Building
- State Leased Building. Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes.** This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k –2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No.** This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. **Provide a completed COMcheck™** or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. **Describe** proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. **Describe** temperature control system type and control capabilities. **Include** estimated design peak cooling and heating requirements. **Include** boiler and chiller type, size(s) and fuel type(s). **Include operating schedule** hours/ day, days/ week and weeks/ year anticipated. **State** whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). **Describe** the level of LEED Certification., if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:

- Will
- Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Allen V. Herring, PE, DAS Chief Engineer

Date: _____

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

	Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
4 South Side School					
Kitchen Repair and Replace	Bid	\$ 19,903.71			\$19,904
*MEP Repair and Replace	NIC	\$0	\$0	\$0	\$0
Security Equipment Repair and Replace	Bid	\$2,462	\$0	\$0	\$2,462
Security Camera Repair and Replace	Bid	\$29,024	\$0	\$0	\$29,024
		\$0	\$0	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
Subtotal		\$51,390	\$0	\$0	\$51,390



Life Cycle Cost Analysis Determination Request

Life Cycle Cost Analysis Determination Request

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- 1. Project Number: _____
 - 2. Project Name: STAFFORD SCHOOL
 - 3. Project Location: 212 LOUISIANA AVE BRISTOL, CT 06010
 - 4. User State Agency: _____
 - 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
 - 6. Name of Preparer: TIMOTHY CALLAHAN
- Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 61,000 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes.** This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k – 2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No.** This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. Provide a completed COMcheck™ or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification, if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:

- Will
- Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Date: _____

Allen V. Herring, PE, DAS Chief Engineer

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

		Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
5	Stafford School					
	Kitchen Repair and Replace	Bid	\$ 12,890.28			\$12,890
	* MEP Repair and Replace	NIC	\$0	\$0	\$0	\$0
	Security Equipment Repair and Replace	Bid	\$2,774	\$0	\$0	\$2,774
	Security Camera Repair and Replace	Bid	\$34,942	\$0	\$0	\$34,942
			\$0	\$0	\$0	\$0
			\$0	NA	\$0	\$0
			\$0	NA	\$0	\$0
			\$0	NA	\$0	\$0
			\$0	NA	\$0	\$0
	Subtotal		\$50,606	\$0	\$0	\$50,606



**Life Cycle Cost Analysis
Determination Request**

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- 1. Project Number: _____
 - 2. Project Name: ELLEN P. HUBBELL SCHOOL
 - 3. Project Location: 90 W. WASHINGTON STREET BRISTOL, CT 06010
 - 4. User State Agency: _____
 - 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
 - 6. Name of Preparer: TIMOTHY CALLAHAN
- Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 63,000 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs);

- Yes. This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k –2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No. This project is NOT subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. Provide a completed COMcheck™ or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification., if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:

- Will
- Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Date: _____

Allen V. Herring, PE, DAS Chief Engineer

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

	Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
6 Hubbell School					
Kitchen Repair and Replace		\$ 16,016.43			\$16,016
*MEP Repair and Replace	Allowance	\$40,000	\$7,772	\$0	\$47,772
Security Equipment Repair and Replace	Bid	\$2,774	\$0	\$0	\$2,774
Security Camera Repair and Replace	Bid	\$23,446	\$0	\$0	\$23,446
		\$0	\$0	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
Subtotal		\$82,236	\$7,772	\$0	\$90,008



**Life Cycle Cost Analysis
Determination Request**

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- 1. Project Number: _____
- 2. Project Name: NORTHEAST MIDDLE SCHOOL
- 3. Project Location: 530 STEVENS STREET BRISTOL, CT 06010
- 4. User State Agency: _____
- 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
- 6. Name of Preparer: TIMOTHY CALLAHAN
Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 74,000 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes. This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k –2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No. This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. **Provide a completed COMcheck™** or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. **Describe** proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. **Describe** temperature control system type and control capabilities. **Include** estimated design peak cooling and heating requirements. **Include** boiler and chiller type, size(s) and fuel type(s). **Include operating schedule** hours/ day, days/ week and weeks/ year anticipated. **State** whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). **Describe** the level of LEED Certification, if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:

- Will
- Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Date: _____

Allen V. Herring, PE, DAS Chief Engineer

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

	Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
7 Northeast Middle School					
Kitchen Repair and Replace	Bid	\$0			\$0
*MEP Repair and Replace	NIC	\$0	\$0	\$0	\$0
Ceiling Repair and Replace	NIC	\$0	\$0	\$0	\$0
Security Equipment Repair, Replace	Bid	\$2,618	NA	\$0	\$2,618
Security Camera Repair, Replace	Bid	\$25,305	NA	\$0	\$25,305
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
Subtotal		\$27,923	\$0	\$0	\$27,923



**Life Cycle Cost Analysis
Determination Request**

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- 1. Project Number: _____
- 2. Project Name: IVY DRIVE SCHOOL
- 3. Project Location: 160 IVY DRIVE BRISTOL, CT 06010
- 4. User State Agency: _____
- 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
- 6. Name of Preparer: TIMOTHY CALLAHAN
- Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 58,876 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes. This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k – 2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No. This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. Provide a completed COMcheck™ or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification, if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:
 Will Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____
Allen V. Herring, PE, DAS Chief Engineer

Date: _____

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

	Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
8 Ivy Drive School		\$ -			\$0
*MEP Repair and Replace	NIC	\$0	\$0	\$0	\$0
Security Equipment Repair and Replace	Bid	\$2,774	\$0	\$0	\$2,774
Security Equipment Repair and Replace	Bid	\$31,223	\$0	\$0	\$31,223
		\$0	\$0	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
Subtotal		\$33,997	\$0	\$0	\$33,997



**Life Cycle Cost Analysis
Determination Request**

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received:

Part A: Project Data:

- 1. Project Number: _____
- 2. Project Name: EDGEWOOD SCHOOL
- 3. Project Location: 345 MIX STREET BRISTOL, CT 06010
- 4. User State Agency: _____
- 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
- 6. Name of Preparer: TIMOTHY CALLAHAN
Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 44,000 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes.** This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k – 2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No.** This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. Provide a completed COMcheck™ or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification, if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:

- Will
- Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Date: _____

Allen V. Herring, PE, DAS Chief Engineer

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

	Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
9 Edgewood School					
Kitchen Repair and Replace	NIC	\$0			\$0
MEP Repair and Replace	NIC	\$0	\$0	\$0	\$0
Case Work Repair Replace	NIC	\$0	NA	\$0	\$0
Security Equipment Repair and Replace	Bid	\$2,618	NA	\$0	\$2,618
Security Camera, Repair and Replace	Bid	\$25,305	NA	\$0	\$25,305
Repair Sidewalks, Parking Lots and Drive Lanes	NIC	\$0	NA	\$0	\$0
Subtotal		\$27,923	\$0	\$0	\$27,923



Life Cycle Cost Analysis Determination Request

Life Cycle Cost Analysis Determination Request

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- 1. Project Number: _____
 - 2. Project Name: MOUNTAIN VIEW SCHOOL
 - 3. Project Location: 71 VERA ROAD BRISTOL, CT 06010
 - 4. User State Agency: _____
 - 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
 - 6. Name of Preparer: TIMOTHY CALLAHAN
- Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 53,285 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes. This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k – 2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No. This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. Provide a completed COMcheck™ or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification., if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:
 Will Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Date: _____

Allen V. Herring, PE, DAS Chief Engineer

Copy: TSU/LCCA file, Project Mgr., OSG, Other: _____

	Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
10 Mountain View School					
Kitchen Repair and Replace	NIC	\$0			\$0
MEP Repair and Replace	NIC	\$0	\$0	\$0	\$0
Security Equipment Repair and Replace	Bid	\$2,774	\$0	\$0	\$2,774
Security Cameras Repair and Replace	Bid	\$23,445	\$0	\$0	\$23,445
		\$0	\$0	\$0	\$0
		\$0	NA	\$0	\$0
		\$0	NA	\$0	\$0
Subtotal		\$26,219	\$0	\$0	\$26,219



**Life Cycle Cost Analysis
Determination Request**

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- 1. Project Number: _____
 - 2. Project Name: GREENE-HILLS SCHOOL
 - 3. Project Location: 718 PINE STREET BRISTOL, CT 06010
 - 4. User State Agency: _____
 - 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
 - 6. Name of Preparer: TIMOTHY CALLAHAN
- Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 122,000 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes.** This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k – 2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No.** This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. Provide a completed COMcheck™ or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification, if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:

- Will
- Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Allen V. Herring, PE, DAS Chief Engineer

Date: _____

Copy: TSU/LCCA file, Project Mgr., OSGC, Other: _____

		Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
11	Greene Hills School					
	Kitchen Equipment Repair and Replace	NIC	\$0			\$0
	Technology Equipment Repair and Replace	Bid	\$216,968	\$0	\$0	\$216,968
	Security Equipment Repair and Replace	Bid	\$34,942	\$0	\$0	\$34,942
	Security Server and Equipment Repair and Replace	Bid	\$86,022		\$0	\$86,022
	Subtotal		\$337,932	\$0	\$0	\$337,932



**Life Cycle Cost Analysis
Determination Request**

(Shall be submitted by the Consultant during Schematic Design Phase)

TO: State of Connecticut – Department of Administrative Services (DAS)
Division Of Construction Services (DCS)
Technical Services Unit (TSU) - Energy
165 Capitol Avenue, Rm. 475, Hartford, CT 06106

Date Submitted: 03/29/17

Date Received: _____

Part A: Project Data:

- 1. Project Number: _____
 - 2. Project Name: WEST BRISTOL SCHOOL
 - 3. Project Location: 500 CLARK AVENUE BRISTOL, CT 06010
 - 4. User State Agency: _____
 - 5. Your A/E Firm Name: BRISTOL BOARD OF EDUCATION
 - 6. Name of Preparer: TIMOTHY CALLAHAN
- Phone: _____ Fax: 860-314-4602 Email: timothycallahan@ci.bristol.ct.us

Part B: Construction Category: (Indicate square footage for each category)

New: _____ Gross Sq. Ft.
 Addition: _____ Gross Sq. Ft.
 Renovation: 122,000 Gross Sq. Ft.

Part C: Project Category:

- State Agency Building (State Owned Building).
- State Funded Public School Building
- State Leased Building.
- Other (specify): _____

Part D: High Performance Building Regulations - CGS 16a-38k(b):

Is this project subject to the High Performance Building Regulations promulgated under CGS § 16a-38k and the Department of Administrative Service's LEED Silver Certification requirement? (See DAS Manual - 0450 Capital Projects High Performance Buildings Guidelines in the "DCS Library" on the DCS website: www.ct.gov/dcs):

- Yes.** This Project shall conform to the following High Performance Building Regulations requirements:
 - New Construction of State Facilities [16a-38k – 2(a)];
 - Renovation of State Facilities [16a-38k – 2(b)];
 - New Construction of State Funded Public School Buildings [16a-38k – 2(c)];
 - Renovations of State Funded Public School Buildings [16a-38k-2(d)].

Provide a copy of the Letter of Understanding for "State Agency Reporting Requirements" [16a-38k (8) (a)] or [16a-38k (8) (b)] (as applicable) or for "State Funded Public School Buildings Reporting Requirements" [16a-38k (8) (c)] or [16a-38k (8) (d)] (as applicable) that Part E documentation is not required.

- No.** This project is **NOT** subject to the CGS § 16a-38k Regulations or that this Project shall submit an "Exemption Request" as required by CGS 16a-38k-9(a) for "State Agency Exemptions" or CGS 16a-38k-9(b) for "State Funded Public School Buildings Exemptions". Provide Part E documentation below.

Part E: Program Narrative:

On a separate sheet(s), provide a narrative of the proposed new or retrofitted energy using systems (HVAC, domestic hot water, lighting, etc.). Describe any existing conditions that will limit your choice of systems or equipment. Provide a completed COMcheck™ or other documentation demonstrating compliance with the latest applicable State Building Codes and Amendments for energy conservation requirements. Describe proposed energy savings features such as demand control ventilation (CO2 control), heat recovery, high efficiency motors, variable speed motor controllers, and high efficiency transformers, etc. Describe temperature control system type and control capabilities. Include estimated design peak cooling and heating requirements. Include boiler and chiller type, size(s) and fuel type(s). Include operating schedule hours/ day, days/ week and weeks/ year anticipated. State whether or not this project will participate in a utility company energy conservation rebate program. If no participation, state reason(s). Describe the level of LEED Certification., if applicable. If the project is not anticipating LEED Certification then list any "Green Building" features that are planned for this project.

DAS Determination: In accordance with CGS 16a-38 and CGS 16a-38j DAS has determined that this project:

- Will
- Will not require a more detailed Life Cycle Cost Analysis.

Signed: _____

Date: _____

Allen V. Herring, PE, DAS Chief Engineer

Copy: TSU/LCCA file, Project Mgr., OSCG, Other: _____

	Quantity	Construction Cost	Architect, Engineering Fees 20%	Contingency 0%	Total Construction Cost
12 West Bristol School					
Technology Equipment Repair and Replace	Bid	\$216,968	\$0	\$0	\$216,968
		\$0	NA	\$0	\$0
Subtotal		\$216,968	\$0	\$0	\$216,968